

Welcome to

# Let's Get Connected !!!

During the next hour we will cover the steps involved in connecting with the ASIIS or “Arizona State Immunization Information System”.

## A little History...

The Immunization Registry was instituted in 1998 after the state legislature enacted a legal requirement for providers to report immunizations given to all children 18 and under. The registry was the first state to begin using STC's IIS referred to as ASIIS or the “Arizona State Immunization Information System. Later in 2009 the legislature enacted additional mandates requiring pharmacies to report all immunizations given regardless of age. (House Bill 2164)

In the first year providers registered over 600,000 patients and reported over 2.5 million immunization reports.

To date the Registry has registered 5.7 million patients and received 59.4 million immunization reports.

During the next few slides we will review in detail the steps in getting connected to ASIIS via HL7 2.5.1. We will cover the following steps:

Step 1) The Initial Interest Form

Step 2) Attestation – Stage 1 Meaningful Use

Step 3) Credentials – and what they mean

Step 4) The Initial Interest Form

Final Step) “Go Live”

## **Step 1** – in getting Connected is to submit the “**Initial Interest Form**”

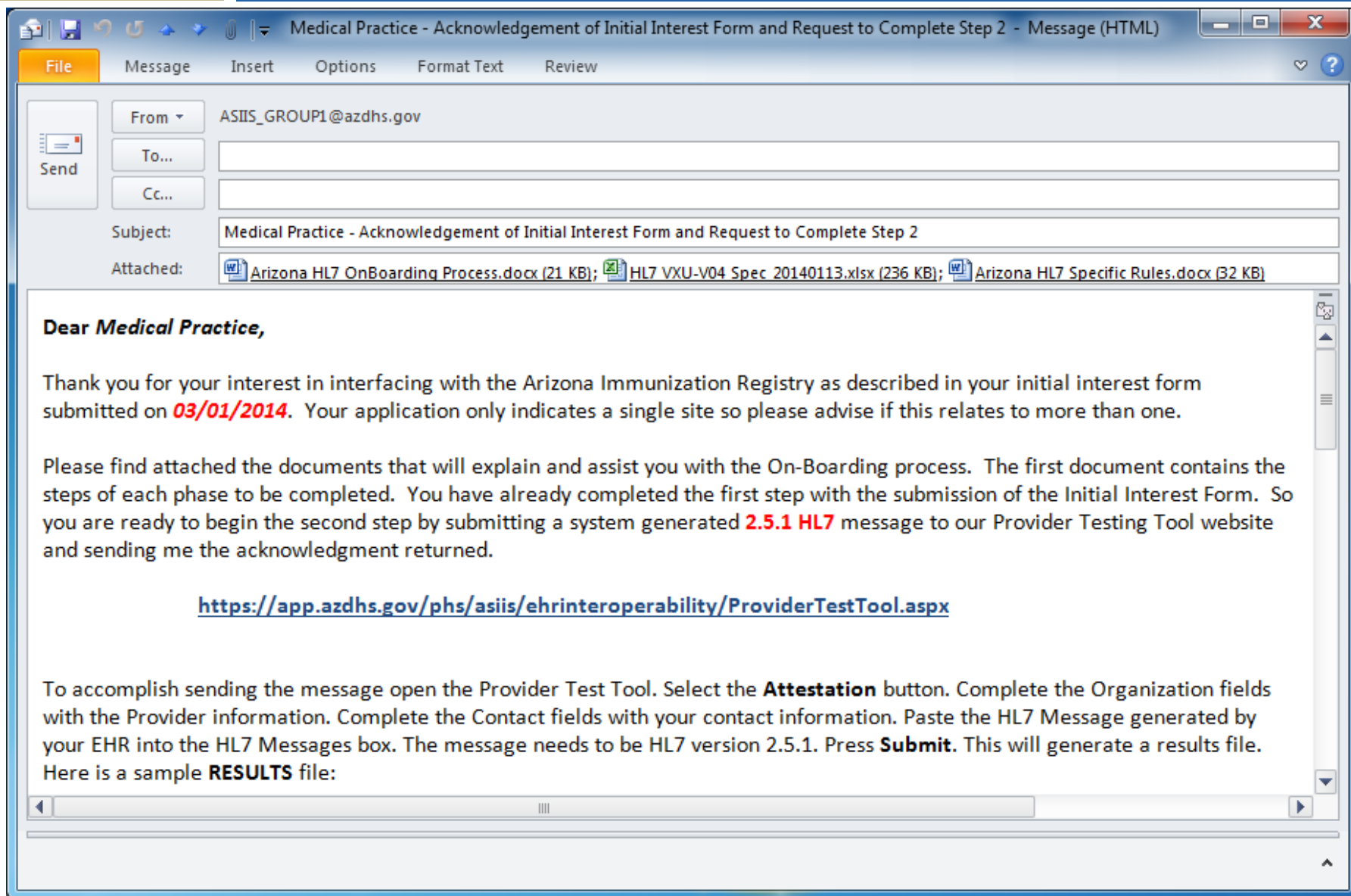
This form can be obtained by connecting to our ASIIS EHR Interoperability website at: <https://app.azdhs.gov/phs/asiis/ehrinteroperability/ASIISEHRInteroperability.aspx> and clicking on the Initial Interest Form link.

**OR**

By emailing us at [ASIIS\\_Group1@azdhs.gov](mailto:ASIIS_Group1@azdhs.gov)

**This form is simple to fill out and can be emailed or faxed back to us.**

Upon receipt of this form we will sent you an email acknowledging receipt of your Initial interest form and request you to perform **Step Two**.



Attached to our acknowledgment email will be three support documents covering the following pieces of information:

**[Arizona HL7 OnBoarding Process](#)**

- Gives an overview of the onboarding process.

**[HL7 VXU-V04 Spec 20140113](#)**

- The registry's version of the 2.5.1 HL7 users guide for immunizations.

**[Arizona HL7 Specific Rules](#)**

- The rules specific to interfacing with the Arizona Immunization Registry.

**Step 2** – In getting connected is where we request you to post your system generated 2.5.1 HL7 Message on the attestation website.

### Extract an EHR System Generated HL7 2.5.1 Message



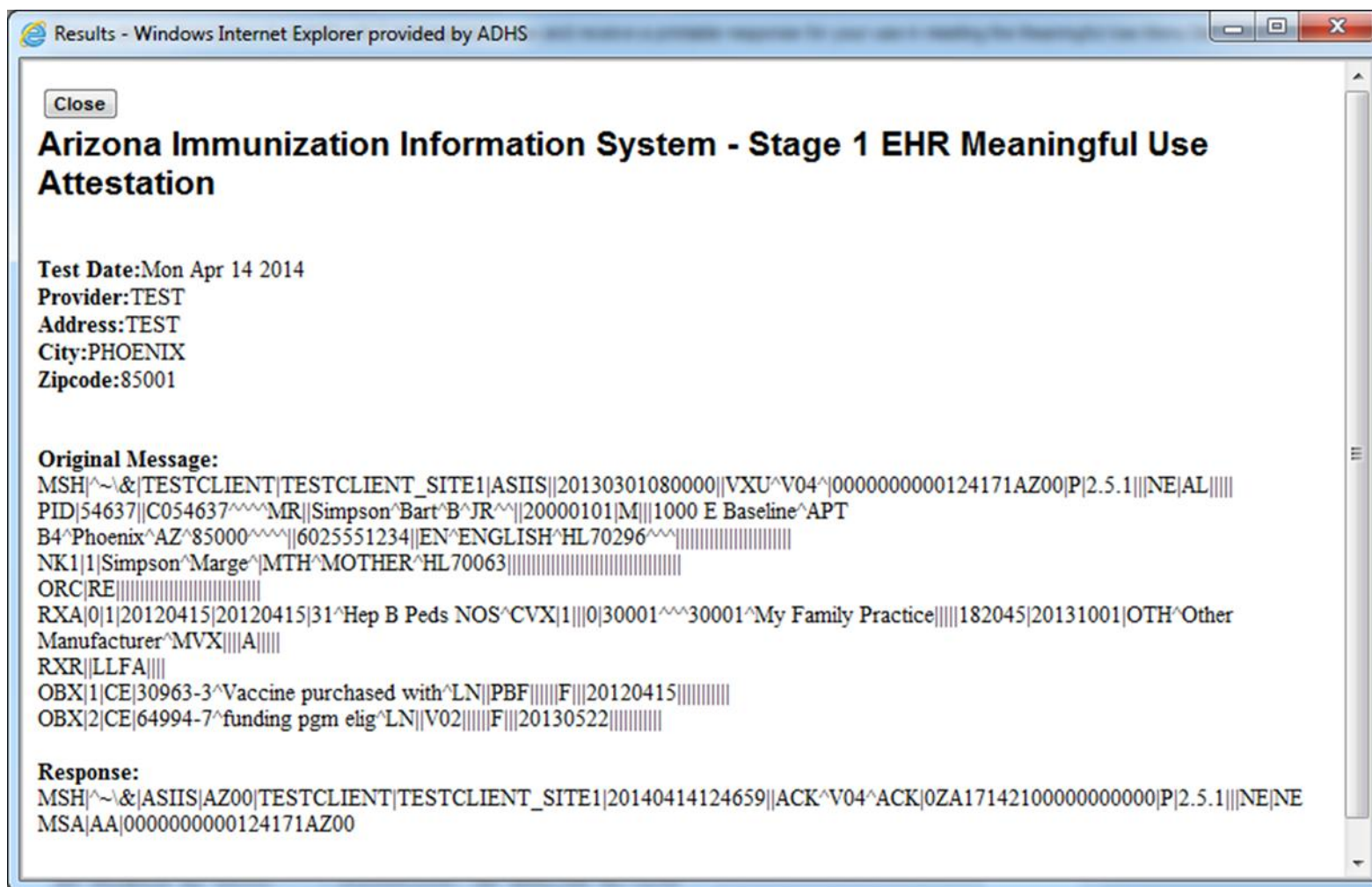
```
MSH|^~\&|XYZSender|XYZSender|ASIIS||20130301080000||VXU^V04^|M00101|P|2.5.1|||||
PID|54637||C054637^^^^MR||Simpson^Bart^B^JR^^|20000101|M|||1000 E Baseline^APT
B4^Phoenix^AZ^85000^^^^|6025551234||EN^ENGLISH^HL70296^^^^|
NK1|1|Simpson^Marge^|MTH^MOTHER^HL70063|
ORC|RE|
RXA|0|1|20120415|20120415|31^Hep B Peds NOS^CVX|1|||0|30001^^^30001^My Family
Practice|182045|20131001|OTH^Other Manufacturer^MVX|A|
RXR|LLFA|
OBX|1|CE|30963-3^Vaccine purchased with^LN||PBF|||F||20120415|
OBX|2|CE|64994-7^funding pgm elig^LN||V02|||F||20130522|
```

<https://app.azdhs.gov/phs/asiis/ehrinteroperability/ProviderTestTool.aspx>

Post in the message box HL7 Test Tool website and Click **Submit**

Once you get an error free response then copy that message and post it on the attestation page.

Email the following screen to [ASIIS\\_Group1@azdhs.gov](mailto:ASIIS_Group1@azdhs.gov) and we will send you credentials to access an account in our staging system for beginning the interfacing process.





**Step 3 – Credentials.** Once the attestation certificate has been received, we will create an account on our staging system where test and production messages can be sent. You will receive an email from ASIIS\_GROUP1@azdhs.gov with the following information.

**URL:** <https://appqa.azdhs.gov/phs/asiis/hl7post/>

**Username:** FACNAME\_6xxxx\_HL7

**Password:** Please contact me at (602) 364-3898 for the password.

**MSH.4 – 6xxxx**

**MSH.5 & MSH.6 – ASIIS**

**RXA.11.4 – SIISCLIENT3xxxx (Facility ID)**

With this information, you are ready to start sending HL7 2.5.1 messages into our staging system where we will evaluate the structure and data quality of your messages.

We do request that you contact us when uploading your first message so we can verify that everything processes as expected.



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## Step 4 - Posting your first message on the ASIIS Staging System.

URL: <https://appqa.azdhs.gov/phs/asiis/hl7post/>

Most likely your vendor will take over from here to assist with completing the rest of the interface project.

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### Message Testing Process:

We have an analyzer tool that breaks down the messages and provides us with critical information about both the message structure and required content.

We require a minimum of 200 error free production messages in order to meet the requirements for the interface into ASIIS.

## Final Step – “Go Live”

Once all the testing has been completed we will schedule a time to roll your connection into production.

In doing so we will monitor the connection to insure that all the messages are received and posted as expected.

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Benefits of an HL7 interface connection...

- Automated immunization reporting
- Auto-decrement from inventory
- Less time between date shot given and date reported
- Less staff time in reporting immunizations

# Onboarding Progress

Step	Status	# of Projects	# of Facilities
-1	Project Cancelled	10	10
0	Pending Receipt of Initial Interest Form	635	672
1	IIF Received - Pending Acknowledgement	17	38
2	Acknowledgement Sent - Pending Completion of Step 2	139	202
3	Step 2 Completed - Pending Credential Setup	46	47
4	Credentials Emailed - Pending Receipt of First Message	36	222
5	First Message Received - Pending Message Testing	26	88
6	Message Assessment in Progress	3	3
7	Go Live - Rolled into Production after 7/1	26	496
9	Rolled into Production prior to 7/1	30	56

# Questions

How long does it take?

Why HL7 2.5.1 verses 2.3.1?

What if I don't have HL7 2.5.1 yet?

What if our EMR/EHR  
isn't compatible?

What are the connection methods?

**For assistance or additional information please contact:**

**Arizona Department of Health Services  
Immunization Program**

**150 N. 18<sup>th</sup> Avenue  
Phoenix, AZ 85007**

**Phone: (602) 364-3899**

**Fax: (602) 364-3285**

**Website: <http://www.azdhs.gov/>**

**Email: [ASIIS\\_Group1@azdhs.gov](mailto:ASIIS_Group1@azdhs.gov)**



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